



612,406-019

271/103
Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

in re Application of:

See attached list

Serial No.: See attached list

Filed: See attached list

Group Art Unit:

Examiner:

**POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST
AND REVOCATION OF PRIOR POWERS**

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

I, Dr. Jochen Muth, Vice President of Corporate Development of Nanogen Recognomics GmbH., as representative of the Assignee of record of the entire interest of the applications listed in Exhibit A, hereby revoke all powers of attorney previously given and appoint the following attorneys and/or agents to prosecute and transact all business in the United States Patent and Trademark Office, and in countries other than the United States, and to do all things necessary or appropriate therefor before any competent International Authorities in connection with any international patent application(s) corresponding to the applications listed in Exhibit A, all of the registered practitioners identified by Customer Number 34263:

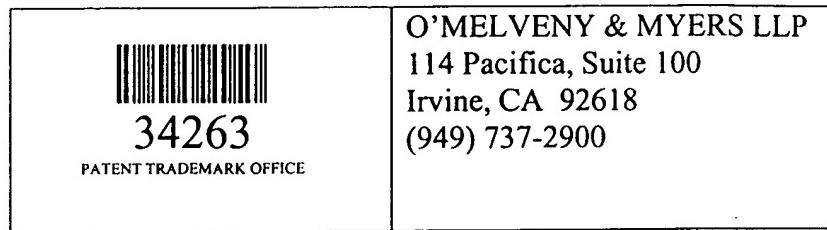
CERTIFICATE OF MAILING (37 C.F.R. §1.10)

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as 'Express Mail Post Office To Addressee' in an envelope addressed to the Commissioner for Patents, Washington, D.C. 20231.

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February 5, 2003
Date of Deposit

Cynthia B. Pacheco
Cynthia B. Pacheco



Please send all correspondence to the attention of John Kappos, at the above Customer Number, and direct all telephone calls to John Kappos at 949-737-2900.

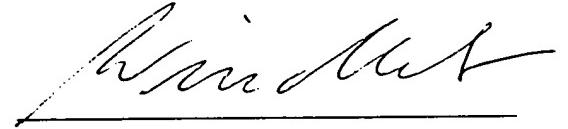
Assignee of interest: Nanogen Recognomics GmbH
Address: Industrial Park Höchst, Building G 830, D-65926 Frankfurt am Main,
Germany
Assignments: Exhibit A lists the reel/frame numbers of the recorded assignments
from the inventors to AVENTIS RESEARCH TECHNOLOGIES GMBH
& CO KG
Exhibit B is a copy of the assignment from the inventors in application
SN 09/647,829, filed for recordation with the PTO on September 19,
2002.
Exhibit C is a copy of the assignment from AVENTIS RESEARCH
TECHNOLOGIES GMBH & CO KG to NANOGEN
RECOGNOMICS GMBH for the applications listed in Exhibit A.

In conformance with 37 C.F.R. §3.73(b), we hereby certify that all documents in connection with the chain of title have been reviewed, and to the best of my knowledge, all right, title and interest is in the above-identified Assignee.

Dated: January 13, 2003

By: Jochen Muth
Dr. Jochen Muth
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By:



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Exhibit A

List of Applications with Reel/Frame Numbers of Recorded Assignments from Inventors to
AVENTIS RESEARCH TECHNOLOGIES GMBH & CO KG

Serial No.	Filing Date	Inventors	Reel	Frame	Recordation Date	OMM Docket	L&L Docket
09/319,678	8/16/99	Eschenmoser Miculka Windhab Hoppe	010212	0605	9/7/99	612,406-021	271/144
09/509,010	7/10/00	Miculka Windhab Brandstetter Burdinski	010974	0337	7/10/00	612,406-017	271/101
09/509,039	7/11/00	Miculka Windhab Brandstetter Burdinski	010953	0802	7/11/00	612,406-024	271/147
09/509,040	8/3/00	Miculka Windhab Eschenmoser Scherer Quinkert	011055	0276	8/16/00	612,406-023	271/146
09/509,058	7/27/00	Miculka Windhab Brandstetter Burdinski	010981	0609	7/27/00	612,406-019	271/103
09/509,051	6/8/00	Miculka Windhab Hoppe	010867	0005	6/8/00	612,406-022	271/145
09/762,977	4/19/01	Miculka Wagner Windhab	011736	0490	4/19/01	612,406-016	271/100
09/509,011	7/11/00	Miculka Windhab Brandstetter Scherer	010953	0799	7/11/00	612,406-025	271/148
09/647,829	1/18/01	Eschenmoser Pitsch Wendeborn	See Exhibit B; Filed with the PTO on September 19, 2002			612,406-020	271/104
09/868,824	6/21/01	Wagner Windhab	012628	0550	11/27/01	612,406-026	271/149